IC70-Rugged BOX PC

IC70EAC Box with Five Serial Ports
(2 for Isolation), Four USB2.0,
Dual GigaLAN,
Robust Alu.Fin Box PC

Embedded Automation Controller

IC70EAC-201

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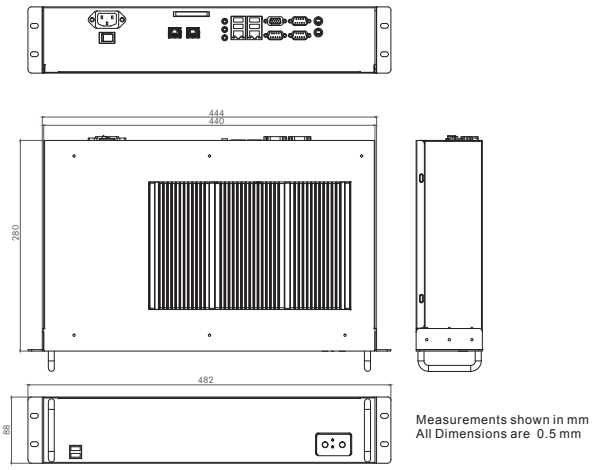
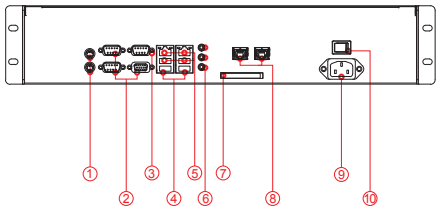


Measurements shown in mm
All Dimensions are 0.5 mm

Features:

- IEC 61850-3 , IEEE1613 and NEMA TS-2 compliant
- Intel® Core i7 2.66GHz / i5 2.4GHz
- Max 4GB DDR3 1066/1333
- 3x RS232 Serial Ports
- 4x Giga LAN, 6x USB, 1x VGA, Line in, Line out, Micro in, PS/2 for Keyboard&Mouse
- Fanless, High efficiency thermal design w/ sealed construction
- Supports 1x CF card and 1x 2.5" HDD



1. PS/2
2. RS-232 Conn.
3. VGA
4. LAN
5. USB
6. Audio Jack
7. CF slot
8. RS422/485/ISOLATION
9. PWR SWITCH
10. AC Power input

UNIT:mm

* Note: this is a simplified drawing and some components are not marked in detail.
Please contact our sales representative if you need further product information.

System Specification

Processor	: Intel® Core i7 2.66GHz / i5 2.4GHz
BIOS	: AMI BIOS
System Memory	: DDR3 1066/1333, up to 4GB
Ethernet Controller	: Broadcom BCM57780 GbE controller
Serial	: 3 x RS-232(1 as Internal)
	1 x RS-232/422/485(select by jumper)
USB	: 8 x USB ports, USB 2.0 compliant
	(2 xUSB Internal)
Watchdog Timer	: 256 levels
Storage	: 1 x 2.5" HDD, 1 x CF card
OS support	: Windows 7 ombedded,
	Windows XP embedded, Linux

I/O Connectors

Front Side I/O	: 1 x Power On/Off
	: 1 x Reset Button
	: 2 x USB 2.0
Back Side I/O	: 1 x 3 pin AC Power Input
	: 2 x PS/2 for Keyboard & Mouse
	: 3 x RS232(1x RS422/485 by Jumper)
	: 4 x RJ-45 GigaLAN
	: 4 x USB2.0
	: 1 x Mic in, Line out, Line in Jack

Mechanical and Power

Dimensions (L x W x H)	: 482 mm x 280 mm x 88 mm
Construction	: Alumi num housing
Power Input	: Isolation AC 100V~240V
Power source range	: Typical 50 W power consumption
Mounting	: 2U Rack mount

Environment Considerations

Operating Temperature	: -20 to 65 deg.C
Operating Humidity	: 5% to 95% (non condensing)
Anti-Vibration	: 5Hz~500Hz / 1Grms/3 Axis
Anti Shock	: 15G, 11ms duraiton
Specs meeted	: IEC 61850-3, IEEE 1613, NEMA TS-2,
	CE, FCC

Note: All Specifications are subject to change without prior notice!